

Fig. 1

170

NETWORK
CONTROLLER

12

Utility

Voltage and
current
measurement

System
Controller

18

Generator
Panel

34

Load 1

38

20a

To Additional
Generators

20b

16

Generator
Panel

36

Load 2

36

14

Power connections
Control and Monitoring
Serial Communications

40

10

172

TO ADDITIONAL
POWER GENERATION
SYSTEMS

Utility

Voltage and
current
measurement

System
Controller

18

Generator
Panel

34

Load 1

38

20a

To Additional
Generators

20b

16

Generator
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20a

To Additional
Generators

20b

16

Generator
Panel

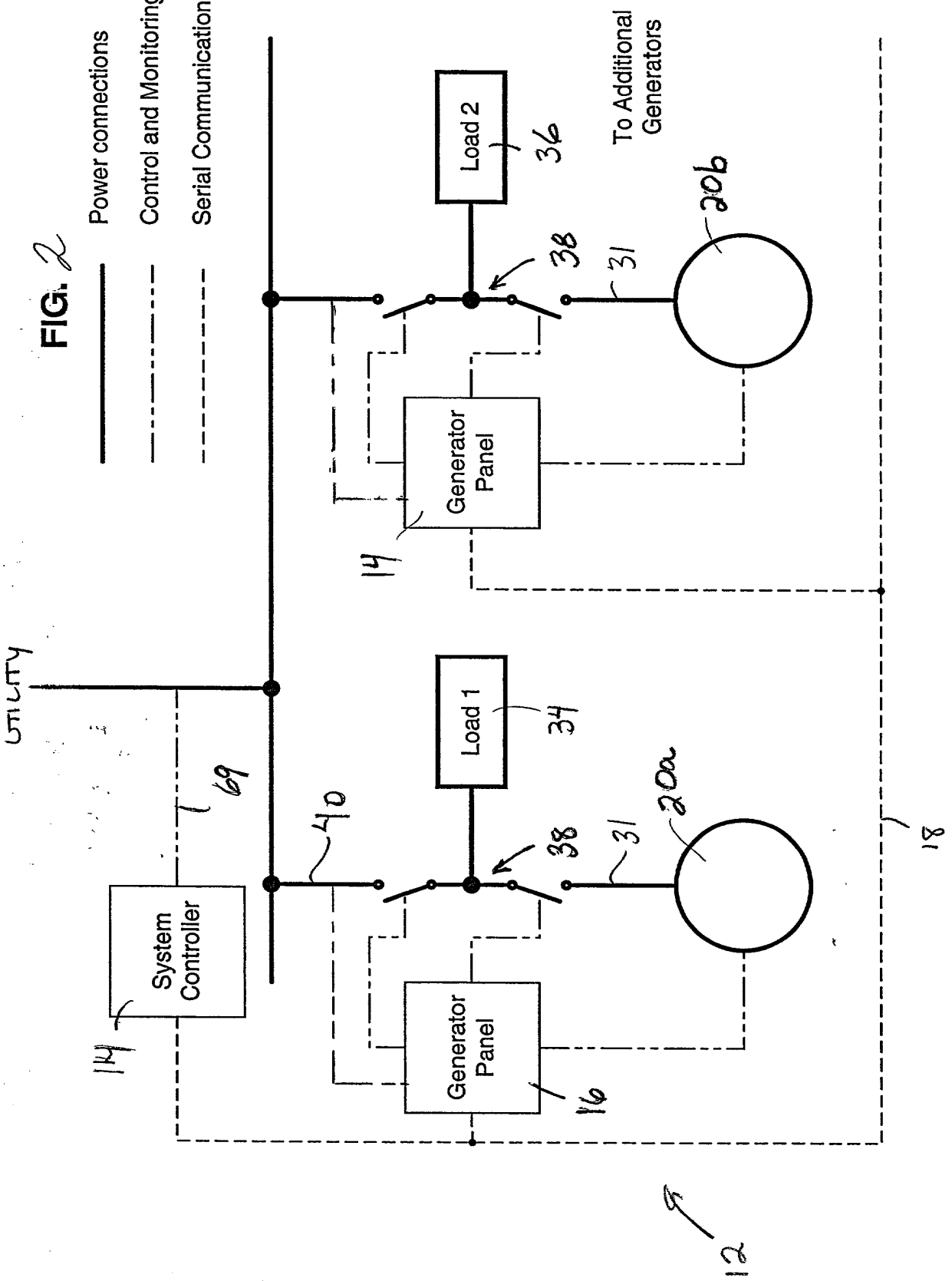
36

Load 2

36

FIG. 2

Power connections
Control and Monitoring
Serial Communications



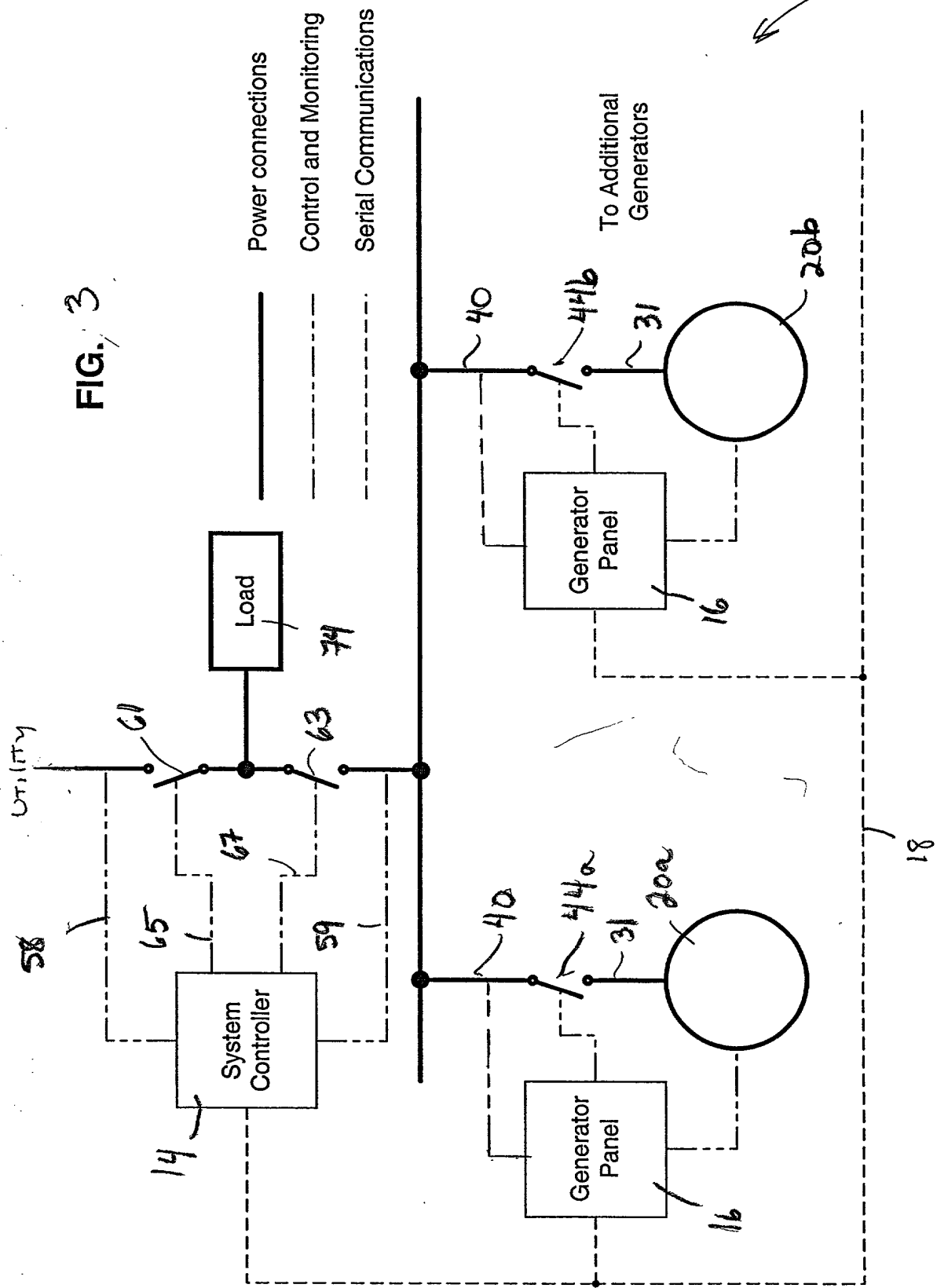


FIG. 3

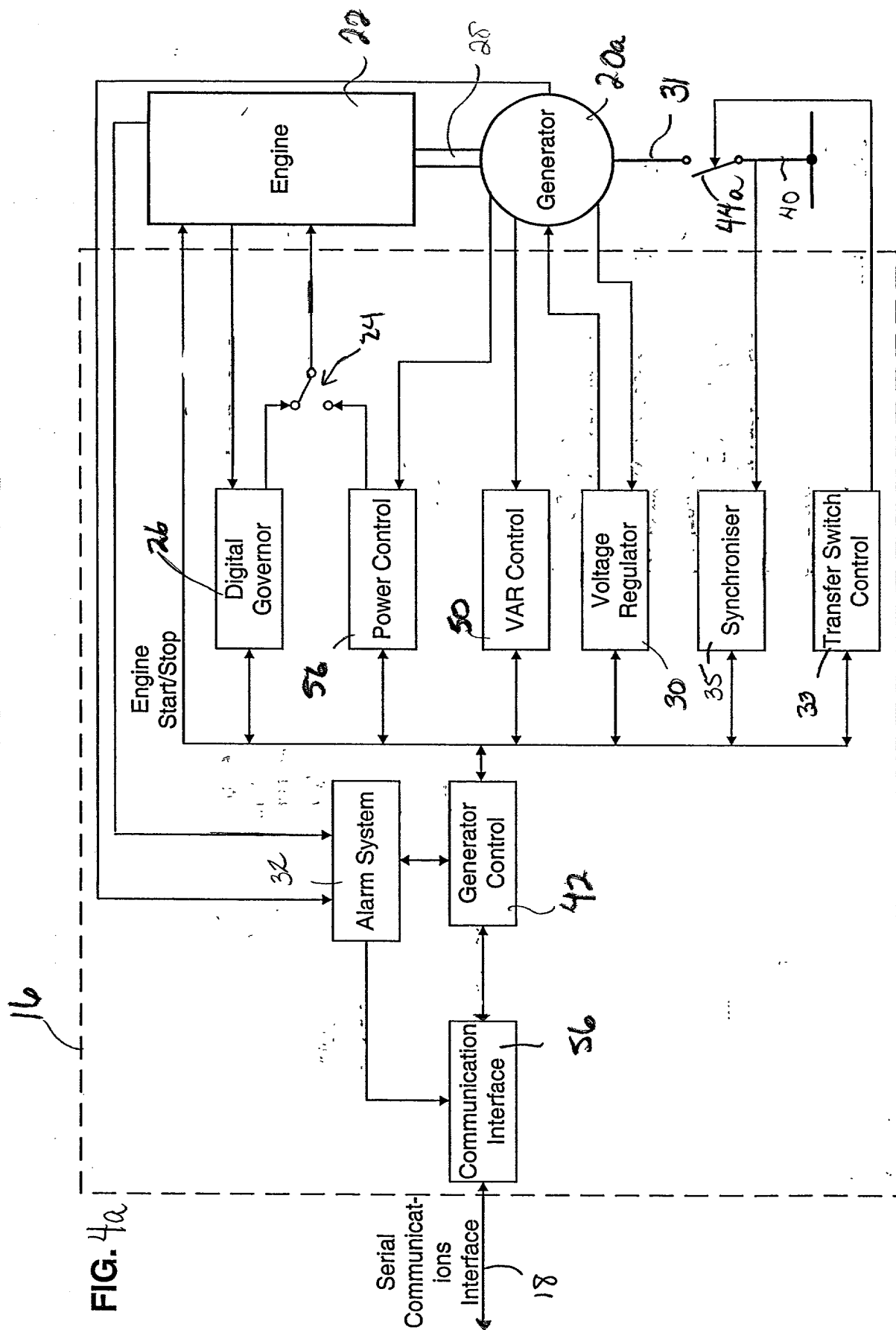


FIG. 4b

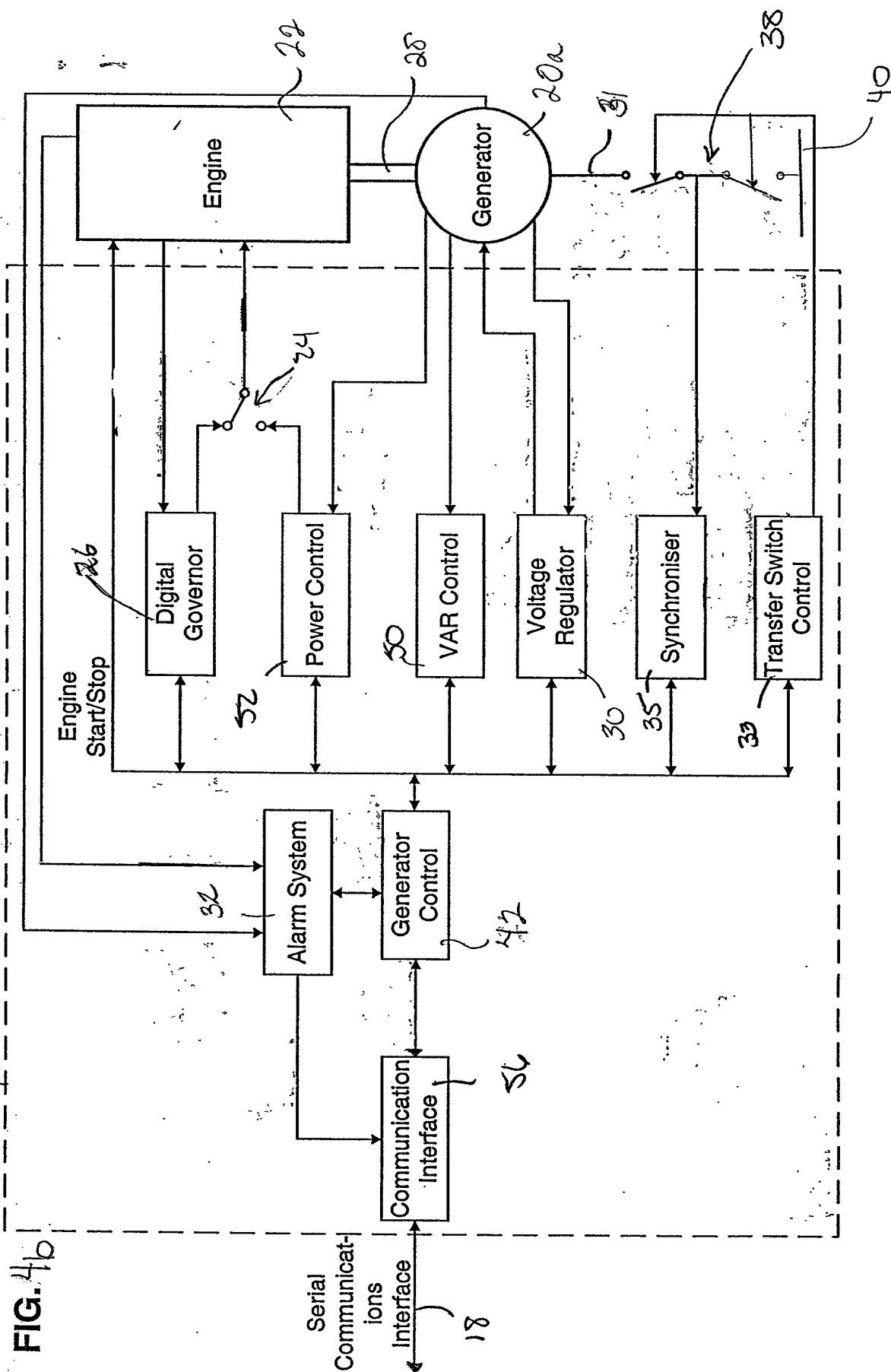
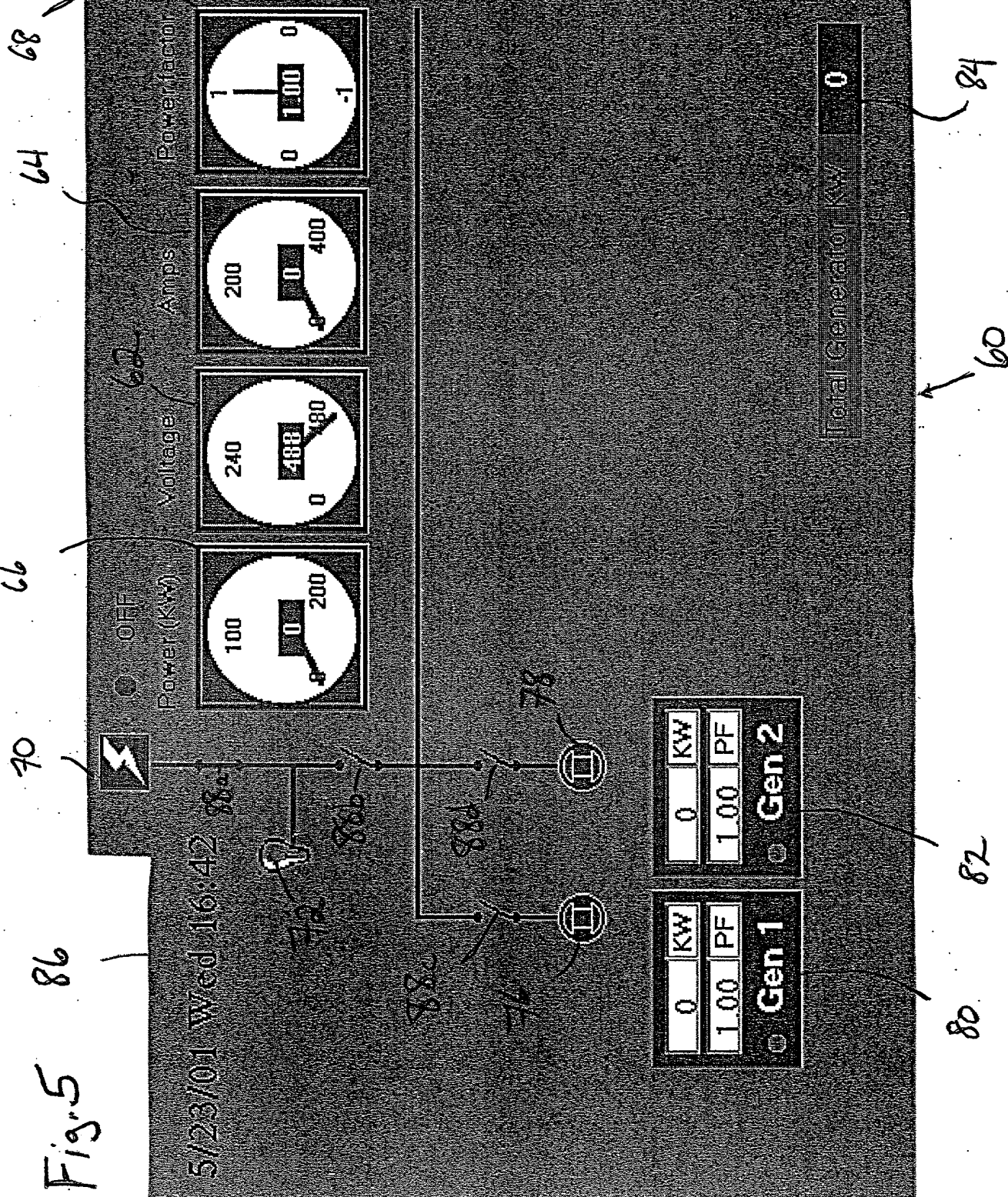


Fig. 5



Generator Settings

Command Settings

Holidays

System Settings

Command Setting

Command ID

108

Base load

119

KW Limit

50

112

Start date

Jan

1

18

End date

Dec

31

17

Start time

8

12

Stop time

20

13

Excluded days

☒ Su
 ☒ Mo
 ☒ Tu
 ☒ We
 ☒ Th
 ☒ Fr
 ☒ Sa

Power factor limit

1

114

Day

Day

Min

Min

Command Settings

New

Report

Delete

Fig. 7

132h

132f 132g

132e

132d

106

132a 132b

132c

100

FIG. 8 is a screenshot of a software interface for managing holiday settings. The interface includes a top navigation bar with tabs for Generator Settings, Command Settings, Holidays, and System Settings. The Holidays tab is currently selected. The main content area displays a 'Holiday Settings' form with fields for Holiday ID, Month, and Day. The Holiday ID field contains the value '136', the Month field contains 'Jan', and the Day field contains '1'. Below the form is a 'Holidays' list with a 'New' button and a 'Delete' button. The interface is labeled with reference numerals 134 and 137.

Generator Settings

Command Settings

Holidays

System Settings

Holiday Settings

Holiday ID

136

Month

Jan

Day

1

Holidays

New

Report

Delete

Fig. 8

137

134

FIG. 9 is a screenshot of a user interface for a generator control system. The interface displays various settings and parameters for the generator, including User Password, CFI Ratio, Voltage Scaling Factor, and System Voltage. The User Password is set to 000000, the CFI Ratio is 200.5, the Voltage Scaling Factor is 100.5, and the System Voltage is 480. The interface also includes tabs for Generator Settings, Demand Settings, Holidays, and System Settings. The System Settings tab is currently selected, showing a Password Enable section with a password of 123456 and a checkbox for Password Enable.

Generator Settings

Demand Settings

Holidays

System Settings

User Password

000000

146

CFI Ratio

200.5

148

Voltage Scaling Factor

100.5

150

System Voltage

480

152

Password Enable

☒ 123456

☒ 123456

Fig. 9

144a

144b

142

158

156

June 2000

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Today: 12/15/00

Month

Dec

Day

15

Year

00

WeekDay

Fri

Hour

13

Min

10

OK

Cancel

Fig. 10

154